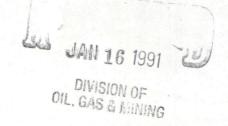


I.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Telephone: (801) 538-5340

## ANNUAL REPORT OF MINING OPERATIONS

Fax: (801) 359-3940

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

<u>GENE</u>	RAL INFORMATION	
1.	Report Time Period: From (mo./yr.)	1/90 To (mo./yr.) 1/91
2.	DOGM File Number (original notice):	M /035 /009
3.	Mine Name: Barneys Canyon Min	e
4.	Legal Description (Location of Lands A	Affected):
	sw_1/4,1/4, Section36,	Township _2s, Range _3w
		Township 3S, Range 3W
		Township <u>3S</u> , Range <u>3W</u>
5.	Mineral(s) Mined:Gold	
6.	Name of Operator or Company:	Kennecott Corporation
7.	Permanent Address:	P. O. Box 311
	· · · · · · · · · · · · · · · · · · ·	Bingham Canyon, Utah 84006-031

8.	Company Representative (or designated operator):		
	Name: Robert J. Ramsey, Jr.		
	Title: General Manager		
	Address: P. O. Box 311 - Bingham Canyon, Utah 84006		
	Phone: (801) 569-7200		
	☐ Please check if any of the above information has changed since previous year.		
II.	MINING AND RECLAMATION		
1.	Was the mine active during the past year? Yes ▼ No □		
2.	If active, how much ore or mineral was mined? 2,303,141 Dry Tons		
3. Briefly describe any new or additional surface disturbances that occur during the past year. This description should include the type of worm performed, volume of material moved, and the acreage affected.  Topsoil removed and stockpiled - 122,760 yds., 27.4 acres distextend waste dump.  Ore tons mined 2,303,141 (dry), waste tons mined 9,421,564 (description) pit areas.  Final grading of leach pad area.  Refer to enclosed plan map (Appendix A)		nt	
4.	Briefly describe the reclamation work performed during the past year. This description should include acreage reclaimed, methods employed, and an evaluation of the results.  In 1990 approximately 45 acres were hydroseeded with a variety of		
	seeds native to the area. A tackifier was used to ensure a high		
	percentage of germination. Results from hydroseeding in 1989 were		
	positive, achieving approximately 85% success in seeded areas.		
5.	What was the total unreclaimed acreage at years end?410.59 acres*		
	* including hydroseeded areas		

6.	Briefly summarize mining and reclamation planned for the upcoming year.		
	Projected mining 2.4 million dry ore tons, 6.8 million dry waste tons.		
	Coarse grade leach pad area - approximately 45 acres of disturbance.		
	Side slopes for new leach pad will be hydroseeded.		
NOTE:	Section III., "Additional Information	on" applies only to <u>large mining operations</u> .	
III. <u>ADDITIO</u>	NAL INFORMATION		
1.	An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted.  Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be attached.		
2.			
IV. <u>SIGNATU</u>	JRE REQUIREMENT		
I hereby certify that the foregoing is true and correct.			
	Name (Typed or Print):	Robert J. Ramsey, Jr.	
	Title of Operator:	General Manager	
	Signature of Operator:	K.f. (c Sey	
	Date:		
jb MNMR-AR			